Index of Claims

| Application | /Control No. |
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10/525,215

10/525,219 Examiner

Porfirio Nazario-Gonzalez

Applicant(s)/Patent under Reexamination

MIHAN, SHAHRAM

**Art Unit** 

1621

| <b>→</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ٠ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla  | Claim Date |                 |          |          |          |          | Cla      | im       | Date            |          |          |       |          |                |          |          |          | Cla      | Date     |          |          |              |            |       |            |                 |          |          |                |          |                 |               |           |           |
|--|------------|-----------------|----------|----------|----------|----------|----------|----------|-----------------|----------|----------|-------|----------|----------------|----------|----------|----------|----------|----------|----------|----------|--------------|------------|-------|------------|-----------------|----------|----------|----------------|----------|-----------------|---------------|-----------|-----------|
|  | al         | 98              |          |          |          |          |          |          | П               |          | l        |       | a        |                |          |          |          |          |          |          |          |              |            |       | <u></u>    |                 |          |          |                |          |                 |               | $\Box$    |           |
| Final  | Original   | 10/30/08        |          |          |          |          |          |          |                 |          |          | Final | Original |                |          |          |          |          |          |          |          |              |            | Final | Original   |                 |          |          | l              |          |                 |               |           |           |
| ιĒ   | Ĕ          | ő               |          |          |          |          |          |          |                 |          | l        | ĪĒ    | ij       |                |          | l        |          |          |          |          |          |              |            | 证     | ji         |                 |          |          |                |          |                 |               |           |           |
|  |            | _               |          | Ш        |          | L        |          | L        |                 |          |          |       |          |                |          |          |          |          |          |          |          |              |            |       |            |                 |          |          | L              | L        |                 | Ш             |           |           |
|  | 1          | =               |          |          |          |          | L        | L        | 乚               |          | ]        |       | 51       | L              |          |          |          |          |          |          |          |              |            |       | 101        | L               |          | L        | L              |          |                 | Ш             |           | $\square$ |
|  | 2          | =               |          |          |          | L        | _        |          |                 |          |          |       | 52       |                |          |          |          |          |          | _        |          |              |            |       | 102        |                 |          | L        | L              |          |                 | Ш             | لـــا     |           |
|  | 3          | =               |          | Ш        |          |          |          | <u> </u> |                 |          |          |       | 53       | L              |          |          |          |          |          |          |          |              |            |       | 103        |                 |          |          | _              |          |                 |               |           |           |
| L  | 4          | =               |          |          |          |          | L        | L        |                 |          |          |       | 54       |                |          |          |          |          |          |          |          |              | -          |       | 104        |                 | L        | L        | L              |          |                 | Ш             |           | Ш         |
|  | 5          | =               |          | Ш        | _        | _        | L        | 1_       | L               | _        |          |       | 55       | <u> </u>       | _        |          |          |          |          |          |          | L            |            |       | 105        |                 |          | <u> </u> |                | L        |                 | Ш             | Ш         | Ш         |
|  | 6          | =               |          |          |          | _        | L.       | 丄        | L               |          | - 1      |       | 56       | <u> </u>       |          |          | _        |          |          |          |          |              | - 2        |       | 106        |                 | L        |          |                | L        |                 | Ш             |           |           |
| Ш  | 7          | =               |          | Ш        |          |          |          |          |                 | L        | . ,      |       | 57       | <u> </u>       |          |          |          |          |          |          |          |              | *          |       | 107        |                 |          | _        |                | L        |                 |               | Ш         | Ш         |
|  | 8          | =               |          |          |          |          | _        | Ļ        | ļ               | _        | ١.,      |       | 58       | L              | Ш        |          | _        |          |          |          |          |              |            |       | 108        |                 |          |          |                | L        |                 |               | لــا      | Ш         |
|  | 9          | =               |          | Щ        |          |          | _        | L        | <u> </u>        |          | 0.8      |       | 59       | Ш              |          | L        |          |          |          |          |          |              |            |       | 109        |                 |          |          | _              | L        |                 | Ш             | ╜         | Ш         |
| <u> </u>   | 10         | =               |          |          |          | _        | _        | $\vdash$ |                 |          |          |       | 60       | L_             |          |          |          |          |          |          | L_       |              |            |       | 110        |                 |          | <u> </u> |                | Ш        |                 | Ш             | Ш         | Ш         |
|  | 11         | =               |          |          |          | _        |          |          | ļ               |          |          |       | 61       |                |          |          | _        |          |          |          |          |              | . ,        |       | 111        | L               |          | _        | _              | L        |                 | Ш             | Ш         |           |
| $\vdash$   | 12         |                 | Ш        | Ш        |          | <u> </u> | $\vdash$ | _        | <u> </u>        |          | Ė        |       | 62       | _              | Ш        |          | _        | Ш        | _        |          | Щ        | Щ            |            |       | 112        | <u> </u>        | Щ        | _        | _              |          | Щ               | Ш             | لـــا     |           |
| $\vdash$   | 13         | =               |          |          |          |          | _        | <u> </u> |                 | _        |          |       | 63       | _              | Щ        |          | L_       | Ш        | ļ        | _        | L.       | $oxed{oxed}$ | L-         |       | 113        |                 |          |          |                | L.       | Ш               | Ш             | Ш         | Щ         |
| $\vdash \vdash$                                  | 14         | $\vdash \vdash$ |          |          |          | _        | <u> </u> | ـــ      | <u> </u>        | _        |          |       | 64       | $\vdash$       | Щ        | _        | Щ        | Ш        |          |          |          | $oxed{oxed}$ |            |       | 114        | _               | Щ        | _        | _              |          | Щ               | Ш             | لــــ     | Щ         |
| $\vdash$   | 15         | $\vdash$        | _        |          |          |          | <u> </u> | ├        | <u> </u>        |          |          |       | 65       |                | Щ        | _        | Щ        | Ш        |          |          | Щ        | Ш            | 100        |       | 115        | Щ               | _        | L.       |                | _        | Щ               | Ш             |           |           |
| $\vdash \vdash$                                  | 16         | H               |          | $\vdash$ |          | <u> </u> | <u> </u> |          |                 |          |          |       | 66       | _              | Ш        |          | Щ        |          | _        |          | Щ        |              | 200        |       | 116        | <u> </u>        | L        | <u> </u> | _              | L.       | $\vdash$        | $\sqcup$      |           | Щ         |
| $oxed{oxed}$                                     | 17         |                 |          |          |          |          | _        | L        |                 |          |          |       | 67       | <u> </u>       |          | _        | _        |          | _        |          |          |              | 3.         |       | 117        |                 |          | _        | _              |          |                 | Ш             | Ш         |           |
| igsquare   | 18         | Ш               | _        |          |          |          | _        | <u> </u> |                 |          |          |       | 68       |                |          |          |          |          | _        |          |          |              |            |       | 118        |                 |          |          | L              |          | Щ               | Ш             | Ш         | Ш         |
|  | 19         |                 | _        |          |          |          |          | ▙        | _               |          |          |       | 69       |                |          |          |          |          | _        |          | Ш        | _            | 1          |       | 119        | Щ               |          | _        |                |          |                 | $\sqcup$      | Ш         |           |
|  | 20         |                 |          |          |          |          | <u> </u> | <u> </u> | _               |          | 141      |       | 70       |                | Ш        |          |          |          | _        |          | _        |              |            |       | 120        | Ш               |          |          | <u> </u>       |          | Ш               | Ш             | $\square$ |           |
|  | 21         |                 | _        |          |          |          | L        | <u> </u> | $oxed{oxed}$    |          | 100      |       | 71       | _              |          |          |          |          | _        |          |          |              |            |       | 121        |                 |          |          |                |          |                 | Ш             |           |           |
| $\vdash$   | 22         | $\dashv$        |          | _        |          |          | <u> </u> | <u> </u> |                 |          | , .      |       | 72       |                | Ш        |          | Ш        |          |          | _        |          |              |            |       | 122        | Щ               |          | _        |                |          |                 | Ш             |           |           |
| $\vdash$   | 23         | $\vdash$        |          |          | -        | _        | _        | <u> </u> |                 |          |          |       | 73       | _              |          |          | Ш        | _        |          | _        |          | $\Box$       |            |       | 123        | _               |          |          |                |          |                 | $\sqcup$      | _         | _         |
|  | 24         |                 | _        |          |          |          |          | <u> </u> | Ш               |          |          |       | 74       | <u> </u>       |          |          | Ш        | _        |          | _        |          |              |            |       | 124        | Щ               | $\Box$   |          |                |          |                 | $\sqcup$      | $\dashv$  | $\dashv$  |
| $\vdash$   | 25         | $\Box$          |          |          |          |          | L        | _        |                 |          |          |       | 75       |                | _        |          |          | _        | _        | _        |          |              |            |       | 125        | Ш               |          |          |                |          |                 | ightharpoonup |           | _         |
| $\vdash$   | 26         | -               | _        |          |          |          | H        | <u> </u> | _               |          |          |       | 76       |                |          |          |          |          | _        |          |          | $\Box$       | - '.       |       | 126        | Ш               |          |          |                |          |                 | $\dashv$      | _         |           |
| $\vdash$   | 27         |                 | -        |          | _        |          | <u> </u> | _        | $\vdash$        |          |          |       | 77       | Н              | _        | _        |          | $\dashv$ |          |          |          |              |            |       | 127        | Ш               |          |          |                |          |                 |               | $\dashv$  | $\dashv$  |
| <del></del>                                      | 28         |                 | $\dashv$ | _        | _        | _        | <u> </u> | _        | -               |          |          |       | 78       | Н              |          | _        | -        | $\dashv$ |          | _        |          |              |            |       | 128        | Н               |          |          | <u> </u>       |          | -               | $\vdash$      | $\dashv$  | $\dashv$  |
|  | 29<br>30   | $\dashv$        | $\dashv$ | -        | _        |          | <u> </u> | H        | -               |          |          |       | 79       | Н              |          | _        | -        | $\dashv$ |          | _        | -        | _            |            |       | 129        | $\blacksquare$  | _        | _        | _              |          | -1              | $\dashv$      | $\dashv$  |           |
|  | 31         | $\dashv$        | $\dashv$ | -        | _        |          | -        | H        | -               |          |          | _     | 80       | _              |          | _        |          | -        |          | _        | -        | _            |            |       | 130        | $\blacksquare$  |          |          | <u> </u>       |          | -               | $\dashv$      | _         | $\dashv$  |
| $\vdash$   | 32         | $\dashv$        | $\dashv$ |          | _        |          | H        | ļ        | $\vdash$        |          | 13       |       | 81       | Н              |          | _        | -        | -        |          | -        | -        | _            | ř. '       |       | 131        | Н               |          |          | <u> </u>       |          | -               |               | $\dashv$  | $\dashv$  |
| $\vdash$   | 33         | $\dashv$        | $\dashv$ | $\dashv$ |          | _        | $\vdash$ | -        | $\vdash$        | _        | á        |       | 82<br>83 | -              |          |          | -        |          | $\dashv$ |          | -        | -            | A 1        |       | 132        | Н               |          |          | ļ              | Ш        |                 |               |           |           |
| $\vdash$   | 34         | $\dashv$        | $\dashv$ | $\dashv$ | -        | -        | $\vdash$ | $\vdash$ | H               |          | ×        | _     |          | -              | -        |          | -        | $\dashv$ | $\dashv$ | _        |          | $\dashv$     |            |       | 133        | $\square$       | $\dashv$ |          |                | $\vdash$ |                 |               | $\dashv$  | $\dashv$  |
| <del>  </del>                                    | 35         | -               |          | -        |          | -        | _        | $\vdash$ | -               |          | 0        |       | 84       | Н              |          |          |          | $\dashv$ | $\dashv$ | -        |          | $\dashv$     | ÷          |       | 134        | $\vdash$        | _        |          | _              | _        |                 | -             | -         | $\dashv$  |
| ├──┤   | 36         | -               |          | $\dashv$ |          | -        | -        | -        | $\vdash$        |          |          |       | 85<br>86 | $\vdash$       | $\dashv$ | $\dashv$ | -        |          |          | $\dashv$ |          | $\dashv$     | <i>*</i> - |       | 135<br>136 |                 |          |          | -              | H        | $\vdash$        | $\dashv$      |           | $\dashv$  |
| <del>  </del>                                    | 37         | $\vdash$        |          | $\dashv$ | $\dashv$ | _        | $\vdash$ | $\vdash$ | $\vdash$        | _        |          |       | 87       | $\vdash$       | -        | -        |          |          |          | $\dashv$ |          |              |            |       |            |                 | -        |          |                | Н        | $\vdash \vdash$ | $\dashv$      |           | $\dashv$  |
| <del>   </del>                                   | 38         | -               | $\dashv$ |          | $\dashv$ | $\dashv$ | -        | -        | $\vdash$        |          | <u> </u> |       | 88       | Н              | $\dashv$ |          |          | $\dashv$ |          | $\dashv$ | -        | $\dashv$     |            |       | 137        | $\vdash$        | $\vdash$ | _        | $\vdash$       | $\vdash$ | $\vdash$        | _             |           | $\dashv$  |
| <del>                                     </del> | 39         | $\dashv$        |          |          | $\dashv$ | $\dashv$ |          | -        | Н               |          |          |       | 89       | Н              | -        | $\dashv$ | -        |          | $\dashv$ | -        | -        | $\dashv$     |            |       | 138<br>139 |                 | -        | _        | $\vdash$       | -        | $\vdash\vdash$  | $\dashv$      |           | ᅴ         |
| $\vdash \vdash \vdash$                           | 40         | $\dashv$        | $\dashv$ |          | $\dashv$ | $\dashv$ | -        | -        | $\vdash$        | -        |          |       | 90       | $\vdash$       | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | -        |          | $\vdash$     |            |       |            |                 |          | _        | $\vdash$       |          | $\vdash \vdash$ | $\dashv$      | $\dashv$  | $\dashv$  |
| $\vdash \vdash \vdash$                           | 41         | $\dashv$        |          | $\dashv$ | $\dashv$ |          | -        | $\vdash$ | $\vdash$        | $\dashv$ |          |       | 91       | Н              | $\dashv$ | $\dashv$ |          | $\dashv$ |          | $\dashv$ |          | $\dashv$     | ·          |       | 140<br>141 | $\vdash$        |          |          | $\vdash$       | $\vdash$ | $\vdash\vdash$  | $\dashv$      | $\dashv$  | $\dashv$  |
| $\vdash \dashv$                                  | 42         | -               | $\dashv$ |          | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$ | Н               | $\dashv$ |          |       | 92       | $\vdash\vdash$ | $\dashv$ | $\dashv$ | -        | ᅱ        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | ŀ          |       | 142        | $\vdash \vdash$ |          | _        | $\vdash$       | $\vdash$ | $\vdash$        | -             | $\dashv$  | $\dashv$  |
|  | 43         | -               | -        | +        | $\dashv$ |          | Н        | $\vdash$ | Н               | -        |          | -+    | 93       | $\vdash$       |          | $\dashv$ | $\dashv$ |          | -+       | $\dashv$ |          | $\dashv$     | ŀ          |       | 143        | $\vdash$        | -        |          |                |          | $\vdash$        | -             | $\dashv$  | $\dashv$  |
| $\vdash$   | 44         | $\dashv$        | $\dashv$ | ┪        | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$ | $\vdash$        | $\dashv$ |          |       | 94       |                | $\dashv$ |          | $\dashv$ | $\dashv$ | -+       | $\dashv$ | -        | $\dashv$     | -          |       | 144        | $\vdash$        | -        | _        |                | -        | $\vdash$        | _             | $\dashv$  | $\dashv$  |
|  | 45         | -               | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | Н        | $\vdash$        | $\dashv$ | 1        |       | 95       | Н              | $\dashv$ | $\dashv$ |          | ᅱ        | -+       | $\dashv$ | $\dashv$ | $\dashv$     | ł          | -+    | 145        | $\vdash$        |          | _        | $\vdash\vdash$ |          | $\vdash$        | -             | $\dashv$  | $\dashv$  |
|  | 46         | $\dashv$        | -        | $\dashv$ |          |          |          | Н        | $\vdash$        |          |          |       | 96       | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | -        | $\dashv$ | $\dashv$     | ł          |       | 146        | $\vdash$        | -        |          | Н              | -        |                 | -+            | $\dashv$  | $\dashv$  |
| $\dashv$   | 47         | $\dashv$        | -        | +        |          |          | $\vdash$ | Н        | $\vdash \vdash$ | $\dashv$ | }        |       | 97       | $\vdash$       | $\dashv$ |          |          | $\dashv$ | -+       | $\dashv$ |          | $\dashv$     | ŀ          |       | 147        | $\vdash$        |          |          | $\vdash$       | $\dashv$ | $\vdash$        | -+            |           | $\dashv$  |
|  | 48         | $\dashv$        | -        | $\dashv$ |          |          |          | Н        | $\vdash \vdash$ | $\dashv$ | 1        | -     | 98       | $\vdash$       |          |          |          | -        | -+       | $\dashv$ | -        | $\dashv$     | ŀ          |       | 148        | $\vdash$        |          |          | $\dashv$       | $\dashv$ | -               | _+            | $\dashv$  | $\dashv$  |
|  | 49         | _               | _        |          | 1        |          | -        | $\vdash$ | $\vdash$        |          | }        |       | -99<br>- |                | _        | $\dashv$ |          | _        | _        | -        | _        |              | }          |       | 149-       |                 | _        | _        | _              | _        |                 | $\dashv$      | _         | _         |
| - 1  | 50         | -               | 7        | -7       | -1       | $\dashv$ | -        |          | -1              |          |          |       | 100      | Н              | - 1      | -1       |          |          |          | ╣        |          | $\dashv$     |            |       | 150        | $\dashv$        | -1       | -        | ==             | -        | $\dashv$        | $\dashv$      | 7         | $\dashv$  |
|  | -55        | _               |          |          |          |          |          | ш        | ш               |          | L        |       | 100      | ш              |          |          |          |          |          |          |          |              | ι          |       | 130        | -               |          |          |                |          |                 |               |           |           |